

Diagnostic Software Update in November

Diagnostic software coverage is available in the following link:

<https://qcar.x431.com/qcar/>

Passenger Car Software Upgrade

Software	Version	Update Info
CHRYSLER	V33.95	<div>1. Summary Optimized basic functions for systems (such as the BCM, PCM, ABS, and TCM) of 2018-2022 models. Optimized menus for 2022-2023 car models.</div> <div>2. New Functions None</div> <div>3. Optimized Functions 1) Added or optimized basic functions for 2020 Renegade, 2021 Wrangler, 2021 Compass, 2021 Ram 1500, 2021 Renegade, 2021 Durango, 2018 Renegade, 2019 Grand Commander, 2022 Compass, 2021 Gladiator, 2019 Compass, 2019 Cherokee, etc. 2) Added or optimized menus for 2022 Commander, 2023 Grand commander, 2023 Cherokee, 2023 Compass, 2023 ProMaster, etc.</div> <div>4. Fixed Bugs None</div>
USAFORD	V49.20	<div>1. Summary Added online programmable module installation function for 2018-2021 year model; added online special function for 2011-2021 year model; optimized software structure.</div> <div>2. New Functions Added online programmable module installation function for 2018-2021 year model; added Reset the Water-in-Fuel Warning Indicator, Reset the BCM (Body Control Module), Reset the Oil Change Indicator, Disable/Enable Remote Start, Remote Start Duration Configuration, Disable/Enable Windshield Courtesy Wipe, Remote Start Configuration, Disable/Enable Remote Start Lighting, RKE (Remote Keyless Entry) Frequency Selection, SCR (Selective Catalytic Reductant) System Prime, Engine Oil Life Check online special function for 2011-2021 year model F-150, Ranger/Courier/Mazda B series/Bravo, EcoSport, Everest, Ford KA Minivan /Figo, Transit, Transit/Courier, Puma, Transit Connect, Ford Fiesta, Ford Escape(Asia)/Ford (Kuga), Ford Edge\Ford GALAXY\Ford S-Max, Focus;</div> <div>3. Optimized Functions Optimized Software Structure.</div> <div>4. Fixed Bugs None</div>
HONDA	V48.60	<div>1. Summary Added the LaneWatch calibration function for models such as AVANCIER and CRIDER etc. as well as manual engine oil reset for some 2022 models. Optimized the ADAS calibration function for models such as ACCORD, CR_V and CIVIC etc.</div> <div>2. New Functions 1)Added the manual engine oil reset for some 2022 models such as ACCORD, ODYSSEY and AVANCIER etc. 2)Added the LaneWatch calibration function for models such as AVANCIER and CRIDER etc.</div> <div>3. Optimized Functions 1)Optimized the automatic multi-directional view camera alignment function for models such as ACCORD, CR_V and ELYSION etc. 2)Optimized the 2022 CIVIC camera calibration function.</div> <div>4. Fixed Bugs None</div>
INDIAN MAHINDRA	V14.20	<div>1. Summary Fix Problem Of Key Programming.</div> <div>2. New Functions None</div> <div>3. Optimized Functions</div>

		<p>None.</p> <p>4. Fixed Bugs Fix Problem Of Key Programming</p> <p>5. Maintenance Service Update None.</p>
VW	V28.90	<p>1. Summary Added the ADAS (Advanced Driving Assistance System) calibration function for 2022 VW models; added the basic functions and special functions for some 2021-2022 models, updated the data of functions such as data stream reading, basic setting, matching, actuation test, login and coding etc. for channel number; added the sub gateway coding function for some systems; added the special functions such as relative compression, EGR self-learning, SCR (Selective Catalytic Reduction), high voltage power-off/enable, sunroof initialization, seat calibration, nitrogen oxide catalyst emergency regeneration, language setting, transport mode, and coolant replacement etc; optimized and updated the data of online coding and online programming, optimized the process of online programming, online matching and calibration; optimized system scanning, system entry, advanced version information, sub-system version information, actuation system, basic adjustment as well as sub-system coding function; optimized the special functions such as steering angle learning, service reset, injector matching, headlamp adjustment, and hidden/refit functions unlocking etc.</p> <p>2. New Functions 1) Added the ADAS (Advanced Driving Assistance System) calibration function for models such as 2022 POLO, Jetta, Touareg, Touran, Golf, Tiguan, Sharan, Passat, ID.4 and ID.5 etc. 2) Added the basic functions and special functions for models such as 2021-2022 POLO, Jetta, Touareg, Phaeton, Touran, Golf, Tiguan, Sharan, Passat, ID.4 and ID.5 etc. 3) Updated the data of functions such as data stream reading, basic setting, matching, actuation test, login and coding etc. for channel number; 4) Added the sub gateway coding function for some systems; 5) Added the special functions such as relative compression, EGR self-learning, SCR (Selective Catalytic Reduction), high voltage power-off/enable, sunroof initialization, seat calibration, nitrogen oxide catalyst emergency regeneration, language setting, transport mode, and coolant replacement etc;</p> <p>3. Optimized Functions 1) Optimized and updated the data of online coding and online programming, optimized the process of online programming, online matching and calibration; 2) Optimized system scanning and system entry; 3) Optimized the advanced version information, sub-system version information as well as sub-system coding function; 4) Optimized the actuation test and basic adjustment function for some models; 5) Optimized the special functions such as steering angle learning, service reset, injector matching, headlamp adjustment, and hidden/refit functions unlocking etc. 6) Optimized the frozen frame reading for some systems;</p> <p>4. Fixed Bugs None</p>
RESETPROG	V10.65	<p>1. Summary Added key matching, all keys lost, replacement of new or second-hand instrument function for 1 instrument, added bosch engine bosch number search function, added transmission authentication function. Optimized smart keys all lost online matching function, optimized connection failure issue of part of DELCO E39 engine.</p> <p>2. New Functions 1) Added key matching, all keys lost, replacement of new or second-hand instrument function for 1 Marelli 95320 (873B) instrument; 2) Added bosch engine bosch number search function; 3) Added transmission authentication function.</p> <p>3. Optimized Functions 1) Optimized smart keys all lost online matching function; 2) Optimized connection failure issue of part of DELCO E39 engine.</p> <p>4. Fixed Bugs None</p>
MT_VICTORY	V10.01	<p>1. Summary Added full systems and full functions for VICTORY series 2008-2017 models such as Vision、Octane、Gunner、and Cross Country.</p> <p>2. New Functions Added the functions Read DTCs、Clear DTCs、and Read Data Streams for the ENG、ABS、Meter、Radio、and other systems of VICTORY series 2008-2017 models such as Vision、Octane、Gunner、and Cross Country.</p> <p>3. Optimized Functions None</p> <p>4. Fixed Bugs None</p>
BENZ	V49.90	<p>1. Summary Added the following functions for the chassis such as 296, 214, 254, 192, and 236: version information, read DTCs, clear DTCs, service function, brake pad replacement. Updated basic functions, actuation test, and special functions for the chassis such as 167, 177, 247, 257, 118, 290, 222, 205, 217, 253, 213, 238, and 463_MOPF18. Supported the diagnosis of car models up to 2022/03. Added the coolant change function for the chassis 243, 253, and 293.</p>

		<p>2. New Functions</p> <p>1). Added basic functions for the LIN system under chassis 295 and 297.</p> <p>2). Added the following functions for the chassis such as 296, 214, 254, 192, and 236: version information, read DTCs, clear DTCs, service function, brake pad replacement</p> <p>3). Added the following special function for the chassis such as 243, 253, and 293:</p> <p>Coolant circuit bleeding</p> <p>4). Added the following special function for the chassis 243:</p> <p>Coolant circuit filling</p> <p>3. Optimized Functions</p> <p>Updated basic functions, actuation test, and special functions for the chassis such as 167, 177, 247, 257, 118, 290, 222, 205, 217, 253, 213, 238, and 463_MOPF18. Supported the diagnosis of car models up to 2022/03.</p> <p>4. Fixed Bugs</p> <p>Optimized the following special functions for the sensing brake control system (SBC) under chassis 211:</p> <p>1) Bleed brake system</p> <p>2) Activate system 'SBC'</p>
BMS	V10.14	<p>1. Summary</p> <p>Added the battery pack configuration information</p> <p>Optimized the software structure.</p> <p>2. New Functions</p> <p>New Issue BMS software</p> <p>3. Optimized Functions</p> <p>None</p> <p>4. Fixed Bugs</p> <p>None</p>
TOYOTA	V50.50	<p>1. Summary</p> <p>Added support for the DTC, freeze frame, data stream, and actuation test functions of 2023MY Toyota models such as Tundra HEV, Camry HV, bZ4X, Camry, Crown HEV, Sequoia HEV, and Hiace. Added support for the DTC, freeze frame, data stream, and actuation test functions of 2023MY Lexus models such as ES300h, GX460, RX350, RX350h, RX450h+, RZ450e, and UX250h. Added support for common special functions of 2023MY Toyota models such as Tundra HEV, Camry HV, bZ4X, Camry, Crown HEV, Sequoia HEV, and Hiace. Added support for common special functions of 2023MY Lexus models such as ES300h, GX460, RX350, RX350h, RX450h+, RZ450e, UX250h. Optimized the prompt information about target placement for the Recognition Camera Axis Adjust function. Updated the service function of Toyota to 2023. Updated the service function of Lexus to 2023.</p> <p>2. New Functions</p> <p>1) Added support for the DTC, freeze frame, data stream, and actuation test functions of 2023MY Toyota models such as Tundra HEV, Camry HV, bZ4X, Camry, Crown HEV, Sequoia HEV, and Hiace.</p> <p>2) Added support for the DTC, freeze frame, data stream, and actuation test functions of 2023MY Lexus models such as ES300h, GX460, RX350, RX350h, RX450h+, RZ450e, and UX250h.</p> <p>3) Added support for common special functions of 2023MY Toyota models such as Tundra HEV, Camry HV, bZ4X, Camry, Crown HEV, Sequoia HEV, and Hiace.</p> <p>4) Added support for common special functions of 2023MY Lexus models such as ES300h, GX460, RX350, RX350h, RX450h+, RZ450e, UX250h.</p> <p>3. Optimized Functions</p> <p>Optimized the prompt information about target placement for the Recognition Camera Axis Adjust function.</p> <p>4. Fixed Bugs</p> <p>None</p> <p>5. Optimized Service Functions</p> <p>1) Updated the service function of Toyota to 2023.</p> <p>2) Updated the service function of Lexus to 2023.</p>
LANDROVER	V34.25	<p>1. Summary</p> <p>Added the freeze frame function for car models as of 2017. Added the following 20 special functions for car models as of 2017: turbo cutoff valve, rain sensor calibration, alarm trigger historical record, tire pressure monitoring wheel sensor test, transfer case control module calibration, memory transmission parking position, PHEV fuel adaptation routine</p> <p>Added the alarm trigger historical record function for car models up to 2016. Fixed the known function bugs.</p> <p>2. New Functions</p> <p>1) Added the freeze frame function for car models as of 2017.</p> <p>2) Added the following 20 special functions for car models as of 2017: turbo cutoff valve, rain sensor calibration, alarm trigger historical record, tire pressure monitoring wheel sensor test, transfer case control module calibration, memory transmission parking position, PHEV fuel adaptation routine</p> <p>3) Added the alarm trigger historical record function for car models up to 2016.</p> <p>3. Optimized Functions</p> <p>None</p> <p>4. Fixed Bugs</p> <p>Fixed the known function bugs.</p> <p>5. Optimized Service Functions</p> <p>None</p>

IMM_MARUTI	V10.01	<div><div>1. Summary</div><div>Add supports the functions such as key matching,password reading, and engine registration for Maruti series</div><div>2. New Functions</div><div>Add supports the functions such as key matching,password reading, and engine registration for Maruti series</div><div>3. Optimized Functions</div><div>None.</div><div>4. Fixed Bugs</div><div>None.</div></div>
IMM_DFXK	V10.10	<div><div>1. Summary</div><div>Support the anti-theft function of DFFG 500、 DFFG 580 and other models.</div><div>2. New Functions</div><div>1)Newly Support the anti-theft function of Car Body system for Glory 500. 2)Newly Support the anti-theft function of four Car Body systems for Glory 580.</div><div>3. Optimized Functions</div><div>None</div><div>4. Fixed Bugs</div><div>None</div></div>
IMM_PORSCHE	V10.10	<div><div>1. Summary:</div><div>Added BMS repair function for some vehicle models, and optimized some wiring diagram</div><div>2. New Function:</div><div>Added CAYENNE 2018-2022 battery repair function Added TAYCAN 2021-2022 battery repair function</div><div>3. Optimized Function:</div><div>Optimized rear electrical module 2M25J wiring diagram (Ceramic crystal oscillation) Optimized Continental ECU wiring diagram (conversion board with V3)</div><div>4. Fixed Bugs:</div><div>None</div></div>
JPISUZU	V17.45	<div><div>1. Summary</div><div>Added the engine identification code for some 2019 models in Japanese area. Optimized the fast test interface and improved the 2018 and 2019 RZ4E engine actuation test function.</div><div>2. New Functions</div><div>Added the engine identification code for some 2019 models in Japanese area.</div><div>3. Optimized Functions</div><div>1) Optimized the fast test interface. 2) Improved the 2018 and 2019 RZ4E engine actuation test function.</div><div>4. Fixed Bugs</div><div>None</div><div>5. Updates for Service Function</div><div>None</div></div>

Heavy-Duty Truck Software Upgrade

Software	Version	Update Info
HD_PACCAR	V11.21	<div><div>1. Summary</div><div>Fixed The Bug That Some Special Functions Of Engine System Cannot Be Found.</div><div>2. New Functions</div><div>None.</div><div>3. Optimized Functions</div><div>None.</div><div>4. Fixed Bugs</div><div>Fixed The Bug That Some Special Functions Of Engine System Cannot Be Found.</div></div>
HD_NATURE	V10.50	<div><div>1. Summary</div><div>Added systems such as Yuchai ESI gas engine(China VI), Shangchai natural gas 10-12ET, Shangchai natural gas 10-ET_J1939, Weichai E6 controller, Yunnei natural gas CNG18, Chongqing Carey gas(IME) and Dongfeng commercial natural gas-DGI13 etc. Updated the system data for Weichai BOSCH EGC4, WISE11 road China VI gas and Weichai BOSCH MD1 China VI etc.</div><div>2. New Functions</div><div>Added systems such as Yuchai ESI gas engine(China VI), Shangchai natural gas 10-12ET, Shangchai natural gas 10-ET_J1939, Weichai E6 controller, Yunnei natural gas CNG18, Chongqing Carey gas(IME) and Dongfeng commercial natural gas-DGI13 etc.</div><div>3. Optimized Functions</div><div>Updated the system data for Weichai BOSCH EGC4, WISE11 road China VI gas and Weichai BOSCH MD1 China VI etc.</div><div>4. Fixed Bugs</div></div>

		None
FUSO	V10.01	<div>1. Summary Added CANTER series,FIGHTER series,SUPTERGREAT series,ROSE series and AERO series.</div> <div>2. New Functions Added basic functions, actuation test, and special functions for CANTER series,FIGHTER series,SUPTERGREAT series,ROSE series and AERO series</div> <div>3. Optimized Functions None</div> <div>4. Fixed Bugs None</div>
HINO	V10.01	<div>1. Summary Added 700 series,600 series,500 series,300 series and Bus.</div> <div>2. New Functions Added basic functions, actuation test, and special functions for 700 series,600 series,500 series,300 series and Bus.</div> <div>3. Optimized Functions None</div> <div>4. Fixed Bugs None</div>
BENDIX_ABS (HD)	V10.75	<div>1. Summary Optimized Calibration Functions Of Camera And Radar System.</div> <div>2. New Functions Added ADAS Report.</div> <div>3. Optimized Functions 1) Optimized Calibration Function Of FLC20(Forward Looking Camera) System. 2) Optimized Calibration Function Of Wingman(Forward Looking Radar) System.</div> <div>4. Fixed Bugs None.</div>
HD_OTOKAR	V10.01	<div>1. Summary Added system OnLane_LDW, Onguard Plus AEBS, Wingman, FLC20</div> <div>2. New Functions Added system OnLane_LDW, Onguard Plus AEBS, Wingman, FLC20</div> <div>3. Optimized Functions None</div> <div>4. Fixed Bugs None.</div>